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Adlai E. Stevenson, Governor
Department of Registration and Education
C. Hobart Engle, Director

Division of the
STATE GEOLOGICAL SURVEY
M. M. Leighton, Chief
Urbana, Illinois

SUPPLEMENT TO OIL AND GAS DRILLING REPORT

OIL AND GAS PRODUCING FORMATIONS
October 1, 1951

By

Virginia Kline and W. W. Hallstein

These charts, showing oil and gas producing formations in Illinois, geological column, and generalized structure section of the Illinois basin are herein issued as a supplement to the monthly Oil and Gas Drilling Report. An index map of Illinois accompanies it for your convenience.

This supplement, which is revised annually, is sent to each subscriber with the November Drilling Report. Thereafter a copy will be furnished each new subscriber and one will accompany any issue that is bought separately. Since the supply of these supplements is limited, please preserve your copy.

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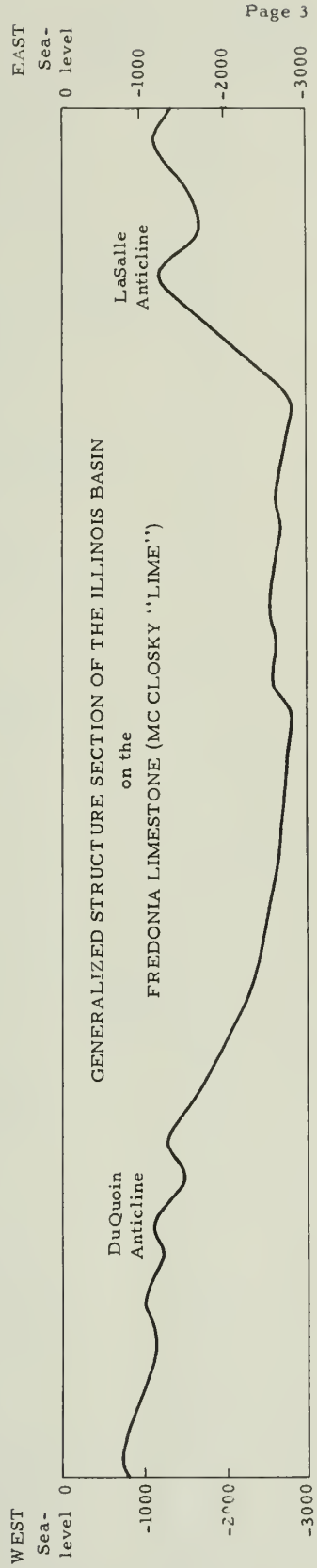
ILLINOIS STATE GEOLOGICAL SURVEY
Urbana, Illinois

GEOLOGIC COLUMN FOR SOUTHERN ILLINOIS

System or Series	Group or Formation, and Lithology*
Pleistocene	Glacial drift and loess
Pliocene	Chert gravel
Eocene	Sand and clay (Southern tip of state)
Paleocene	Sand and clay (Southern tip of state)
Cretaceous	Sand and clay (Southern tip of state)
Pennsylvanian	McLeansboro group - sh., ss., thin ls., and coal Carbondale group - sh., ls., ss., coal Tradewater group - ss., sh., and thin coal Caseyville group - ss., sh., and thin coal
Chester (Upper Mississippian) Series	Kinkaid - ls., sh. Degonia - ss. Clore - ls., sh., ss. Palestine - ss. Menard - ls., sh. Waltersburg - ss. Vienna - ls., sh. Tar Springs - ss. Glen Dean - ls., sh. Hardinsburg - ss. Golconda - ls., sh. Cypress - ss. Paint Creek - ls., sh., ss. Bethel - ss. Renault - ls., sh., ss. Aux Vases - ss.
Iowa (Lower Mississippian) Series	Ste. Genevieve (Levias - ls.; Rosiclare - ss.; Fredonia - ls.) St. Louis - ls. Salem - ls. Warsaw - ls. (Osage group) Keokuk - ls. (Osage group) Burlington - ls. (Osage group) Fern Glen - ls. (Osage group) Kinderhook - sh., ls., ss.
Mississippian and Devonian	Chattanooga - New Albany sh.
Devonian	Limestone (formations undifferentiated)
Silurian	Dolomite (formations undifferentiated)
Ordovician	Maquoketa - sh. Kimmswick - ls. Plattin - ls. Joachim - ls. St. Peter - ss.
Pre-St. Peter	Unidentified

*ls. - limestone; ss. - sandstone; sh. - shale



OIL AND GAS PRODUCING STRATA IN ILLINOIS

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Pennsylvanian system	McLeansboro and Carbondale groups	Bellair 500	Bellair: Crawford, Jasper	560
		Upper gas sand	Casey: Clark	265
		Lower gas sand	Casey: Clark	310
		Casey	Casey: Clark	445
		Shallow sand	Johnson North: Clark	315
		Claypool	Johnson North: Clark	415
		Casey	Johnson North: Clark	465
		Upper Partlow	Johnson North: Clark	535
		Claypool	Johnson South: Clark	390
		Casey	Johnson South: Clark	450
		Upper Partlow	Johnson South: Clark	490
		Dykstra	Junction City: Marion	510
		Wilson	Junction City: Marion	610
		Pennsylvanian	Lawrence: Lawrence, Crawford	290
		Shallow sand	Main: Crawford	510
		"	Martinsville: Clark	255
		Casey	Martinsville: Clark	500
		Upper Siggins	Siggins: Cumberland, Clark	400
		2nd and 3rd Siggins	Siggins: Cumberland, Clark	480
		Lower Siggins	Siggins: Cumberland, Clark	580
		Gas sand	Westfield: Clark, Coles, Edgar	280
		Pennsylvanian	York (2): Cumberland, Clark	590
	Tradewater and Caseyville groups	Several Sands	Albion Consol.: Edwards, White	1490-2000
		"	Allendale: Wabash, Lawrence	400-1500
		Robinson	Allison-Weger: Crawford	910
		"800"	Bellair: Crawford, Jasper	815
		Pennsylvanian	Benton: Franklin	1700
		"	Carlinville: Macoupin	380
		"	Carlinville North: Macoupin	440
		"	Dudley: Edgar	310-450
		"	Elbridge: Edgar	760
		"	Epworth Consol.: White	1845
		Biehl	Friendsville North: Wabash	1615
		Pennsylvanian	Gillespie-Benld gas (1): Macoupin	540
		"	Gillespie-Wyen: Macoupin	650
		"	Grandview: Edgar	400
		"	Herald: White, Gallatin	1060-1750
		"	Inclose: Edgar	340
		"	Inman East Consol.: Gallatin	780
		"	Inman West Consol.: Gallatin	925
		"	Jacksonville gas (1): Morgan	330
		Lower Partlow	Johnson South: Clark	600
		Pennsylvanian	Junction: Gallatin	1000-1430
		Petro	Junction City: Marion	610
		Pennsylvanian	Junction North: Gallatin	1565
		"	Keensburg South: Wabash	1150
		Biehl	Lancaster East: Wabash	1745
		Bridgeport	Lawrence: Lawrence, Crawford	800-950
		Buchanan	Lawrence: Lawrence, Crawford	1250
		Pennsylvanian	Litchfield (2): Montgomery	660
		"	Livingston: Madison	535
		"	Livingston South: Madison	520
		Burtschi	Louden: Fayette, Effingham	1000
		Robinson	Main, Birds, etc.: Crawford	900-1000
		Pennsylvanian	Maunie North: White	1320
		"	Maunie South: White	1400
		Several Sands	Mt. Carmel: Wabash	1370-1520
		Pennsylvanian	Mt. Olive: Montgomery	605
		"	New Bellair (1): Crawford	1165
		Several Sands	New Harmony Consol.: White, Wabash, Edwards	720-1880
		Robinson	New Hebron: Crawford	940
		Pennsylvanian	Omaha: Gallatin	375,1335
		"	Panama: Bond, Montgomery	575
		"	Parkersburg South: Edwards	1400
		Several Sands	Phillipstown Consol.: White, Edwards	795-1450
		Pennsylvanian	Plainview: Macoupin	410
		"	Raymond: Montgomery	590

(1) Abandoned; (2) Abandoned, revived

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Pennsylvanian	Tradewater and Caseyville groups	Pennsylvanian	Rochester: Wabash	1300
		"	Roland: White, Gallatin	x
		"	Ruark: Lawrence	1510-1615
		Bridgeport	Russellville gas: Lawrence	760
		Buchanan	Russellville gas: Lawrence	1100
		Pennsylvanian	Spanish Needle Creek (1): Macoupin	300
		"	Staunton gas (1): Macoupin	460
		"	Waggoner: Montgomery	610
		Petro	Wamac: Marion, Clinton, Washington	720
		Pennsylvanian	Warrenton-Borton: Edgar, Coles	160
		"	Waverly: Morgan	250
		"	Westfield East: Clark	400
		"	Westfield North: Coles	275,400
Chester (Upper Mississippian) series	Degonia	Degonia	Albion Consol.: Edwards, White	2125
		"	Herald: White, Gallatin	1920
		"	Inman East Consol.: Gallatin	1690
		"	Maunie South: White	1900
		"	New Harmony Consol.: White, Wabash, Edwards	1925
		"	New Harmony South (Ind.): White	1850
		"	Phillipstown Consol.: White, Edwards	1975
	Clore	Clore	Epworth Consol.: White	2100
		"	Inman East Consol.: Gallatin	1725
		"	New Harmony Consol.: White, Wabash, Edwards	1980
		"	Phillipstown Consol.: White, Edwards	2010
		"	Roland: White, Gallatin	x
	Palestine	Palestine	Centerville East: White	2225
		"	Eldorado: Saline	1940
		"	Inman East Consol.: Gallatin	1840
		"	Inman West Consol.: Gallatin	1765
		"	Long Branch: Saline, Hamilton	2070
		"	Maunie South: White	2010
		"	Mt. Carmel: Wabash	1580
		"	New Harmony Consol.: White, Wabash, Edwards	1900
		"	New Harmony South (Ind.): White	1955
		"	Omaha: Gallatin	1700
		"	Phillipstown Consol.: White, Edwards	2050
		"	Stokes-Brownsville: White	2085
	Waltersburg	Waltersburg	Albion Consol.: Edwards, White	2365
		"	Allendale: Wabash, Lawrence	1540
		"	Bone Gap: Edwards	2310
		"	Concord East Consol.: White	2140
		"	Helena: Lawrence	1780
		"	Herald: White, Gallatin	2240
		"	Herald East: White, Gallatin	2290
		"	Inman East Consol.: Gallatin	1980
		"	Inman West Consol.: Gallatin	2080
		"	Iron: White	2270
		"	Junction: Gallatin	1770
		"	Maple Grove East (2): Edwards	2400
		"	Maunie South: White	2210
		"	Mt. Carmel: Wabash	1690
		"	New Harmony Consol.: White, Wabash, Edwards	2100
		"	New Harmony South: White	2250
		"	New Harmony South (Ind.): White	2120
		"	Phillipstown Consol.: White, Edwards	2280
		"	Rochester: Wabash	1940
		"	Roland: White, Gallatin	2150
		"	Samsville (1): Edwards	2430
		"	Storms: White	2230
	Tar Springs	Tar Springs	Albion Consol.: Edwards, White	2400
		"	Allendale: Wabash, Lawrence	1600
		"	Bend: White	2260
		"	Benton: Franklin	2100
		"	Browns: Edwards, Wabash	2365
		"	Centerville East: White	2460
		"	Concord: White	2270

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Tar Springs	Tar Springs	Concord East Consol.: White	2175
		"	Concord South: White	2300
		"	Cottonwood: Gallatin	2315
		"	Dale Consol.: Hamilton	2430
		"	Eldorado: Saline	2205
		"	Epworth Consol.: White	2360
		"	Fairfield: Wayne	2560
		"	Herald: White, Gallatin	2260
		"	Herald East: White, Gallatin	2365
		"	Inman East Consol.: Gallatin	2080
		"	Inman West Consol.: Gallatin	2140
		"	Iola Consol. (2): Clay, Effingham	1890
		"	Iron: White	2385
		"	Kenner: Clay	2200
		"	Lawrence: Lawrence, Crawford	1410
		"	Maunie North: White	2350
		"	Maunie South: White	2240
		"	Mt. Carmel: Wabash	1790
		"	New Harmony Consol.: White Wabash, Edwards	2150
		"	New Harmony South: White	2350
		"	New Haven Consol.: White	2105
		"	Omaha: Gallatin	1900
		"	Phillipstown Consol.: White, Edwards	2295
		"	Roland: White, Gallatin	2240
		"	Sailor Springs Consol.: Clay, Effingham	2340
		"	Stokes-Brownsville: White	2295
		"	Storms: White	2340
		"	Sumpter: White	2575
		"	Sumpter South: White	2580
		"	Walpole: Hamilton	2465
		"	West Frankfort: Franklin	2060
	Glen Dean	Glen Dean	Sailor Springs Consol.: Clay, Effingham	2390
	Hardinsburg	Hardinsburg	Albion Consol.: Edwards, White	2635
		"	Allendale: Wabash, Lawrence	1780
		"	Centerville East: White	2615
		"	Dale Consol.: Hamilton	2680
		"	Inman East Consol.: Gallatin	2135
		"	Inman West Consol.: Gallatin	2300
		"	Iron: White	2500
		"	Junction: Gallatin	2120
		"	Lawrence: Lawrence, Crawford	1570
		"	New Haven Consol.: White	2245
		"	St. Francisville East: Lawrence	1460
		"	Stokes-Brownsville: White	2630
		"	Sumpter: White	2655
		"	Whittington: Franklin	2310
	Golconda	Jackson	Lawrence: Lawrence, Crawford	1360
		"	Mt. Carmel: Wabash	2020
		Golconda ls.	Panama: Bond, Montgomery	705
		"	St. James: Fayette	1555
		"Barlow" ls.	Irvington: Washington	1525
	Cypress	Cypress-Weiler	Akin: Franklin	2840
		"	Akin West: Franklin	2715
		"	Albion Consol.: Edwards, White	2860
		"	Albion East: Edwards	2800
		"	Allendale: Wabash, Lawrence	1920
		"	Ava-Campbell Hill (1): Jackson	780
		Carlyle	Bartelso: Clinton	985
		Cypress-Weiler	Bartelso West: Clinton	930
		Bellair 900	Bellair: Crawford, Jasper	890
		Cypress-Weiler	Benton North: Franklin	2460
		"	Bible Grove North: Effingham	2535
		"	Bible Grove South: Clay	2500
		"	Bone Gap South: Edwards	2710
		"	Brown: Marion	1660
		"	Browns: Edwards, Wabash	2640
		"	Browns East: Wabash	2570
		"	Carmi North: White	2930
		Carlyle	Carlyle: Clinton	1035

(1) Abandoned; (2) Abandoned, revived

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Cypress	Cypress-Weiler	Centerville East: White	2915
		Stein	Centralia: Clinton, Marion	1200
		Cypress-Weiler	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2635
		"	Clay City North: Clay	2650
		"	Clay City West: Clay	2700
		"	Concord: White	2625
		"	Concord Central: White	2610
		"	Cottonwood North: Gallatin	2605
		"	Dale Consol.: Hamilton	2680
		"	Dubois: Washington	1185
		"	Dubois West: Washington	1180
		"	Eberle: Effingham	2475
		"	Epworth Consol.: White	2730
		"	Fairfield: Wayne	2945
		"	Flora: Clay	2630
		Carlyle	Frogtown (2): Clinton	950
		Cypress-Weiler	Gossett (2): White	2625
		Upper Lindley	Greenville gas (1): Bond	925
		Cypress-Weiler	Herald: White, Gallatin	2660
		"	Hoffman: Clinton	1190
		"	Inman East Consol.: Gallatin	2390
		"	Inman West Consol.: Gallatin	2475
		"	Iola Consol. (2): Clay, Effingham	2125
		"	Iron: White	2720
		"	Irvington: Washington	1380
		"	Keensburg South: Wabash	2405
		"	Kenner West: Clay	2570
		"	Langewisch-Kuester (1): Marion	1600
		Kirkwood	Lawrence: Lawrence, Crawford	1400
		Cypress-Weiler	Long Branch: Saline, Hamilton	2750
		"	Louden: Fayette, Effingham	1495
		"	Mattoon (2): Coles	1830
		"	Maunie South: White	2590
		"	Mt. Carmel: Wabash	2025
		"	New Harmony Consol.: White, Wabash, Edwards	2500
		"	New Haven Consol.: White	2445
		"	Odin: Marion	1750
		"	Omaha West: Saline	2520
		"	Parkersburg Consol.: Richland, Edwards	2830
		"	Passport South: Richland	2665
		"	Patoka: Marion	x
		"	Patoka East: Marion	1340
		"	Phillipstown Consol.: White, Edwards	2720
		"	Posey: Clinton	1105
		"	Raccoon Lake: Marion	1625
		"	Richview: Washington	1520
		"	Roland: White, Gallatin	2560
		"	St. Francisville East: Lawrence	1605
		"	St. James: Fayette	1580
		"	Sailor Springs Consol.: Clay, Effingham	2550
		"	Sailor Springs East: Clay	2695
		"	Sandoval West: Clinton	1420
		"	Santa Fe (1): Clinton	955
		"	Shattuc: Clinton	1280
		Sparta Gas	Sparta (1): Randolph	850
		Cypress-Weiler	Sparta South (1): Randolph	880
		"	Stanford: Clay	2700
		"	Stokes-Brownsville: White	2660
		"	Storms: White	2700
		"	Sumpter: White	2860
		"	Tamaroa: Perry	1130
		"	Thompsonville North: Franklin	2750
		"	Trumbull: White	2845
		"	Whittington: Franklin	2535
		"	Whittington South: Franklin	2580
		"	Woburn Consol.: Bond	865
		"	Woodlawn: Jefferson	1800
		"	Xenia East: Clay	2505
	Paint Creek	Paint Creek	Albion East: Edwards	2910
		Stray	Benton North: Franklin	2595
		Paint Creek	Dale Consol.: Hamilton	2900
		"	Herald: White, Gallatin	x

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Paint Creek	Stray	Louden: Fayette, Effingham	1540
		"	Maunie North: White	2830
		Paint Creek	New Harmony Consol.: White, Wabash, Edwards	2600
		"	Parkersburg Consol.: Richland, Edwards	2955
		"	Phillipstown Consol.: White, Edwards	2780
		"	Roland: White, Gallatin	2750
		"	Stokes-Brownsville: White	2800
	Bethel	Bethel or Benoist	Albion Consol.: Edwards, White	2960
		"	Albion East: Edwards	2920
		"	Allendale: Wabash, Lawrence	2010
		"	Alma: Marion	1950
		"	Assumption North: Christian	1050
		"	Ayers gas (1): Bond	940
		"	Beaver Creek: Bond, Clinton	1120
		"	Beaver Creek North: Bond	1120
		"	Beaver Creek South: Clinton	1140
		"	Bellmont: Wabash	2650
		"	Benton North: Franklin	2600
		"	Boulder: Clinton	1190
		"	Boyd: Jefferson	2050
		"	Browns: Edwards, Wabash	2785
		"	Browns South: Edwards	2850
		"	Carlyle North: Clinton	1150
		"	Centerville East: White	2990
		"	Centerville North (1): White	2990
		"	Centralia: Clinton, Marion	1355
		"	Centralia West: Clinton	1440
		"	Clarksburg: Shelby	1770
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2800
		"	Cordes: Washington	1260
		"	Cravat: Jefferson	2070
		"	Crossville: White	2880
		"	Dale Consol.: Hamilton	2950
		"	Dix: Jefferson, Marion	1950
		"	Dix South (1): Jefferson	1950
		"	Dubois: Washington	1370
		"	Dubois West: Washington	1350
		"	Elkville: Jackson	2000
		"	Ellery West: Wayne	3110
		"	Fairman: Marion, Clinton	1435
		"	Fitzgerrell: Jefferson	2760
		"	Flora: Clay	2785
		"	Friendsville Central: Wabash	2330
		"	Herald: White, Gallatin	2790
		"	Hoffman: Clinton	1320
		"	Huey: Clinton	1260
		"	Iola Consol. (2): Clay, Effingham	2290
		"	Iola South: Clay	2430
		"	Iron: White	2850
		"	Irvington: Washington	1535
		"	Johnsonville Consol.: Wayne	2950
		"	Kenner: Clay	2690
		"	Kenner North: Clay	2755
		"	Kenner West: Clay	2705
		"	Keyesport: Clinton	1180
		"	Kinmundy: Marion	1910
		"	Laclede (2): Fayette	2335
		"	Lakewood: Shelby	1690
		"	Lancaster: Wabash, Lawrence	2530
		"	Lancaster North: Wabash	2295
		"	Lancaster South: Wabash	2520
		Tracey	Lawrence: Lawrence, Crawford	1650
		Bethel or Benoist	Louden: Fayette, Effingham	1550
		"	McKinley: Washington	1000
		"	Mason: Effingham	2295
		"	Mason North: Effingham	2250
		"	Maunie North: White	2820
		"	Maunie South: White	2735
		"	Maunie West (2): White	2820
		"	Miletus: Marion	2140
		"	Mt. Carmel: Wabash	2110

(1) Abandoned; (2) Abandoned, revived

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Bethel	Bethel or Benoist	New Harmony Consol.: White, Wabash, Edwards	2650
		"	New Harmony South: White	2815
		"	Oskaloosa: Clay	2595
		"	Pana: Christian	1470
		"	Panama: Bond, Montgomery	865
		"	Parkersburg Consol.: Richland, Edwards	2930
		"	Parkersburg South: Edwards	2815
		"	Patoka: Marion	1410
		"	Patoka East: Marion	1465
		"	Patoka West: Fayette	1380
		"	Phillipstown Consol.: White, Edwards	2810
		"	Roaches North: Jefferson	1925
		"	Roland: White, Gallatin	2760
		"	Ruark: Lawrence	2065
		"	St. Francisville: Lawrence	1845
		"	St. Francisville East: Lawrence	1750
		"	St. Paul: Fayette	1900
		"	Sailor Springs Consol.: Clay, Effingham	2740
		"	Salem: Marion	1780
		"	Samsville North: Edwards	2900
		"	Sandoval: Marion	1540
		"	Shattuc: Clinton	1420
		"	Stokes-Brownsville: White	2815
		"	Storms: White	2810
		"	Tonti: Marion	1930
		"	Waltonville: Jefferson	2460
		"	Whittington West: Franklin	2615
		"	Williams: Jefferson	2515
		"	Woburn Consol.: Bond	1020
		"	Woodlawn: Jefferson	1960
	Renault	Renault	Ab Lake: Gallatin	2735
		"	Albion Consol.: Edwards, White	3000
		"	Albion East: Edwards	2925
		"	Bungay Consol.: Hamilton	3270
		"	Inman West Consol.: Gallatin	2775
		"	Iola Consol. (2): Clay, Effingham	2320
		"	Salem: Marion	x
		"	Sesser: Franklin	2690
	Aux Vases	Aux Vases	Ab Lake: Gallatin	2770
		"	Ab Lake West: Gallatin	2725
		"	Aden Consol.: Hamilton, Wayne	3175
		"	Aden South: Hamilton	3245
		"	Akin: Franklin	3120
		"	Albion Consol.: Edwards, White	3045
		"	Albion East: Edwards	3020
		"	Allendale: Wabash, Lawrence	2280
		"	Barnhill: Wayne	3325
		"	Belle Prairie: Hamilton	3250
		"	Beman: Lawrence	1805
		"	Beman East: Lawrence	1805
		"	Bennington: Edwards, Wayne	3145
		"	Benton North: Franklin	2685
		"	Bible Grove South: Clay	2750
		"	Bone Gap South: Edwards	3020
		"	Boyd: Jefferson	2130
		"	Browns South: Edwards	2955
		"	Bungay Consol.: Hamilton	3280
		"	Cantrell: Hamilton	3200
		"	Cantrell North: Hamilton	3235
		"	Cantrell South: Hamilton	3120
		"	Carmi North: White	3220
		"	Centerville East: White	3075
		"	Cisne North: Wayne	3050
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2940
		"	Clay City West: Clay	2950
		"	Coil: Wayne	2700
		"	Coil West: Jefferson	2720
		"	Concord: White	2905
		"	Concord Central: White	2900

(2) Abandoned; (x) Undetermined

System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester (Upper Mississippian) series	Aux Vases	Aux Vases	Concord North: White	2950
		"	Cooks Mills (1): Coles	1820
		"	Dale Consol.: Hamilton	3100
		"	Divide East: Jefferson	2620
		"	Dix: Jefferson, Marion	2000
		"	Eldorado: Saline	2865
		"	Ellery: Edwards, Wayne	3240
		"	Ellery South: Edwards	3210
		"	Ellery West: Wayne	3230
		"	Enfield: White	3280
		"	Epworth Consol.: White	2995
		"	Ewing: Franklin	2835
		"	Fairfield: Wayne	3200
		"	Fairfield East: Wayne	3180
		"	Flannigan: Hamilton	3240
		"	Flora: Clay	2875
		"	Gays (1): Moultrie	1935
		"	Goldengate Consol.: Wayne, White	3180
		"	Goldengate West: Wayne	3230
		"	Gossett (2): White	2955
		"	Herald: White, Gallatin	2920
		"	Herald East: White, Gallatin	2930
		"	Herald North: White	2900
		"	Inman East Consol.: Gallatin	2715
		"	Inman West Consol.: Gallatin	2790
		"	Iola Consol. (2): Clay, Effingham	2325
		"	Johnsonville Consol.: Wayne	3020
		"	Johnsonville South (2): Wayne	3060
		"	Johnsonville West (2): Wayne	2960
		"	Junction North: Gallatin	2725
		"	Keenville: Wayne	2980
		"	Kenner: Clay	2835
		"	King: Jefferson	2725
		"	Lakewood: Shelby	1690
		"	Lancaster: Wabash, Lawrence	x
		"	Lawrence: Lawrence, Crawford	1810
		"	Locust Grove: Wayne	3220
		"	Louden: Fayette, Effingham	1630
		"	Maple Grove: Edwards	x
		"	Marion: Williamson	2385
		"	Markham City North: Jefferson, Wayne	2950
		"	Markham City West: Jefferson	2905
		"	Mattoon (2): Coles	1900
		"	Maunie North: White	2930
		"	Maunie South: White	2845
		"	Maunie West (2): White	2955
		"	Miletus: Marion	2200
		"	Mill Shoals: Wayne, Hamilton, White	3220
		"	Mt. Erie North: Wayne	3110
		"	Mt. Vernon: Jefferson	2665
		"	New Harmony Consol.: White, Wabash, Edwards	2825
		"	New Harmony South: White	3005
		"	New Haven Consol.: White	2720
		"	Omaha West: Saline	2800
		"	Orchardville: Wayne	2795
		"	Oskaloosa East: Clay	2790
		"	Phillipstown Consol.: White, Edwards	2880
		"	Roland: White, Gallatin	2880
		"	Roland West: Saline	2935
		"	Rural Hill West: Hamilton	3230
		"	Ste. Marie West: Jasper	2720
		"	Sailor Springs Consol.: Clay, Effingham	2825
		"	Salem: Marion	1825
		"	Sesser: Franklin	2700
		"	Shawneetown (1): Gallatin	2650
		"	Shelbyville: Shelby	1860
		"	Stanford South: Clay	2970
		"	Stewardson: Shelby	1945
		"	Stokes-Brownsville: White	2890
		"	Storms: White	3015
		"	Thackeray: Hamilton	3360
		"	Thompsonville East: Franklin	3150

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined

System or Series	Group or Formation		Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Chester series	Aux Vases		Aux Vases	Thompsonville North: Franklin	3100
			"	Tonti: Marion	2005
			"	Trumbull: White	3170
			"	Walpole: Hamilton	3070
			"	Walpole South: Hamilton	3125
			"	West End: Hamilton, Saline	3140
			"	West Frankfort: Franklin	2710
			"	Whittington: Franklin	2735
			"	Whittington West: Franklin	2680
			"	Williams: Jefferson	2585
			"	Woodlawn: Jefferson	1975
			"	Xenia: Clay	2785
Iowa (Lower Mississippian) series	Ste. Genevieve	Levias member	"Lower Ohara lime"	Aden Consol.: Hamilton, Wayne	3290
			"	Akin West: Franklin	3050
			"	Albion Consol.: Edwards, White	3110
			"	Albion East: Edwards	3100
			"	Allendale: Wabash, Lawrence	2300
			"	Barnhill: Wayne	3370
			"	Bellmont: Wabash	2835
			"	Benton North: Franklin	2730
			"	Berryville Consol.: Wabash, Edwards	2900
			"	Bessie: Franklin	2895
			"	Bone Gap East: Edwards	2980
			"	Bone Gap South: Edwards	3040
			"	Boyd: Jefferson	2230
			"	Browns: Edwards, Wabash	2965
			"	Bungay Consol.: Hamilton	3335
			"	Calhoun Consol.: Richland, Wayne	3140
			"	Cantrell South: Hamilton	3180
			"	Centerville East: White	3175
			"	Christopher: Franklin	2675
			"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	3020
			"	Coil West: Jefferson	2790
			"	Concord: White	2930
			"	Concord East Consol.: White	2895
			"	Crossville: White	3100
			"	Dale Consol.: Hamilton	3100
			"	Divide West: Jefferson	2680
			"	Dundas East: Richland, Jasper	2905
			"	Ellery West: Wayne	3295
			"	Exchange: Marion	2695
			"	Fairfield: Wayne	3210
			"	Gards Point: Wabash	2840
			"	Goldengate Consol.: Wayne, White	3250
			"	Herald: White, Gallatin	2965
			"	Inman East Consol.: Gallatin	2795
			"	Inman West Consol.: Gallatin	2815
			"	Johnsonville Consol.: Wayne	3120
			"	Johnsonville North: Wayne	3190
			"	Johnsonville West (2): Wayne	2930
			"	Keensburg East (1): Wabash	2705
			"	Keensburg South: Wabash	2715
			"	Keenville: Wayne	3050
			"	King: Jefferson	2765
			"	Lancaster: Wabash, Lawrence	2670
			"	Lancaster Central: Wabash	2750
			"	Lawrence: Lawrence, Crawford	x
			"	Lexington North: Wabash	2930
			"	Locust Grove: Wayne	3220
			"	Maple Grove: Edwards	3230
			"	Maple Grove East (2): Edwards	3195
			"	Maple Grove South (1): Edwards	3250
			"	Massilon: Wayne, Edwards	3255
			"	Massilon South (1): Edwards	3315
			"	Maunie North: White	2995
			"	Mill Shoals: White, Hamilton, Wayne	3320
			"	Mills Prairie: Edwards	2925
			"	Mt. Carmel: Wabash	2320
			"	Mt. Erie North: Wayne	3170
			"	Mt. Vernon: Jefferson	2750
			"	New Harmony Consol.: White, Wabash, Edwards	2900

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined

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System or Series	Group or Formation		Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	Levias member	"Lower Ohara lime"	Olney Consol.: Richland	3005
			"	Omaha East: Gallatin	2850
			"	Parkersburg Consol.: Richland, Edwards	3070
			"	Parkersburg West: Richland, Edwards	3220
			"	Passport: Clay	3000
			"	Phillipstown Consol.: White, Edwards	3010
			"	Raccoon Lake: Marion	1885
			"	Roaches: Jefferson	2170
			"	Roland: White, Gallatin	3000
			"	Sailor Springs Consol.: Clay, Effingham	2900
			"	Stokes-Brownsville: White	3035
			"	Taylor Hill: Franklin	3055
			"	West Frankfort: Franklin	2760
			"	Whittington West: Franklin	2800
			"	Zenith South: Wayne	2920
		Rosiclare member	Rosiclare	Aden Consol.: Hamilton, Wayne	3320
			"	Aden South: Hamilton	3330
			"	Akin West: Franklin	3080
			"	Albion Consol.: Edwards, White	3130
			"	Albion East: Edwards	3125
			"	Allendale: Wabash, Lawrence	2300
			"	Alma: Marion	2085
			"	Assumption North: Christian	1170
			"	Barnhill: Wayne	3400
			"	Beman: Lawrence	1850
			"	Beman East: Lawrence	1860
			"	Benton North: Franklin	2775
			"	Berryville Consol.: Wabash, Edwards	2850
			"	Bible Grove North: Effingham	2835
			"	Bone Gap: Edwards	3230
			"	Browns: Edwards, Wabash	2975
			"	Bungay Consol,: Hamilton	3400
			"	Calhoun Consol.: Richland, Wayne	3160
			"	Calhoun North: Richland	3155
			"	Claremont Gas: Richland	3200
			"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	3030
			"	Clay City North: Clay	3010
			"	Coil West: Jefferson	2805
			"	Cooks Mills North (1): Coles	1780
			"	Dale Consol.: Hamilton	3060
			"	Divide East: Jefferson	2700
			"	Divide West: Jefferson	2700
			"	Dix: Jefferson, Marion	2100
			"	Dundas East: Richland, Jasper	2920
			"	Ellery North (2): Edwards	3320
			"	Ellery West: Wayne	3325
			"	Elliottstown (1): Effingham	2730
			"	Evers South: Effingham	2650
			"	Fairfield: Wayne	3240
			"	Goldengate Consol.: Wayne, White	3275
			"	Goldengate North: Wayne	3325
			"	Half Moon: Wayne	3275
			"	Herald: White, Gallatin	3005
			"	Hidalgo North: Cumberland	2650
			"	Hunt City (1): Jasper	2540
			"	Inman East Consol.: Gallatin	2790
			"	Inman West Consol.: Gallatin	2800
			"	Iola Consol. (2): Clay, Effingham	2400
			"	Iola South: Clay	2590
			"	Johnsonville Consol.: Wayne	3150
			"	Kenner: Clay	2875
			"	King: Jefferson	2815
			"	Lancaster Central: Wabash	2810
			"	Lancaster East: Wabash	2660
			"	Lawrence: Lawrence, Crawford	1850
			"	Maple Grove East (2): Edwards	3210
			"	Mason North: Effingham	2365
			"	Mattoon (2): Coles	2000
			"	Maunie North: White	3025
			"	Maunie South: White	2900
			"	Mill Shoals: White, Hamilton, Wayne	3345
			"	Mt. Carmel: Wabash	2350
			"	Nason: Jefferson	2790

(1) Abandoned; (2) Abandoned, revived

System or Series	Group or Formation		Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	Rosiclare member	Rosiclare	New Harmony Consol.: White, Wabash, Edwards	2900
			"	Parkersburg Consol.: Richland, Edwards	3100
			"	Passport: Clay	3005
			"	Passport South: Richland	3025
			"	Patoka: Marion	1560
			"	Phillipstown Consol.: White, Edwards	2960
			"	Raccoon Lake: Marion	1930
			"	Riffle: Clay	2735
			"	Ritter: Richland	3210
			"	Roaches: Jefferson	2190
			"	Roaches North: Jefferson	2115
			"	Roland: White, Gallatin	3020
			"	Rural Hill North (1): Hamilton	3325
			"	Ste. Marie East (1): Jasper	2685
			"	Sailor Springs Central: Clay	3015
			"	Sailor Springs Consol.: Clay, Effingham	2900
			"	Sailor Springs North (1): Clay	2985
			"	Salem: Marion	1950
			"	Schnell South: Clay	3005
			"	Sesser: Franklin	2835
			"	Stanford: Clay	3000
			"	Stanford West: Clay	2980
			"	Stokes-Brownsville: White	3070
			"	Toliver East: Clay	2815
			"	Tonti: Marion	2125
			"	Trumbull: White	3270
			"	Wakefield (1): Jasper	3125
			"	West Frankfort: Franklin	2810
			"	Whittington: Franklin	2880
			"	Whittington West: Franklin	2780
			"	Woodlawn: Jefferson	2205
		Fredonia member	McClosky "lime"	Aden Consol.: Hamilton, Wayne	3350
			"	Aden South: Hamilton	3395
			"	Akin: Franklin	3270
			"	Akin West: Franklin	3130
			"	Albion Consol.: Edwards, White	3140
			"	Albion East: Edwards	3155
			"	Allendale: Wabash, Lawrence	2300
			"	Amity: Richland	2960
			"	Barnhill: Wayne	3450
			"	Belle Prairie: Hamilton	3420
			"	Belle Rive: Jefferson	3085
			"	Bennington: Edwards, Wayne	3240
			"	Bennington South (1): Edwards	3240
			"	Benton North: Franklin	2800
			"	Berryville Consol.: Wabash, Edwards	2900
			"	Bible Grove North: Effingham	2875
			"	Blairsville West: Hamilton	3415
			"	Bogota: Jasper	3110
			"	Bogota North (1): Jasper	3080
			"	Bogota South: Jasper	3075
			"	Bone Gap: Edwards	3240
			"	Bone Gap South: Edwards	3055
			"	Broughton: Hamilton	3275
			"	Broughton South: Hamilton	3215
			"	Browns: Edwards, Wabash	3000
			"	Bungay Consol.: Hamilton	3430
			"	Burnt Prairie South: White	3415
			"	Calhoun Central: Richland	3280
			"	Calhoun Consol.: Richland, Wayne	3180
			"	Calhoun East: Richland	3265
			"	Calhoun North: Richland	3170
			"	Cantrell South: Hamilton	3325
			"	Carmi (1): White	3150
			"	Centerville: White	3370
			"	Centerville East: White	3230
			"	Cisne North: Wayne	3170
			"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	3050
			"	Clay City North: Clay	3020
			"	Clay City West: Clay	3065
			"	Coil: Wayne	3065

(1) Abandoned

System or Series	Group or Formation		Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	Fredonia member	McClosky "lime"	Coil West: Jefferson	2880
			"	Concord: White	2990
			"	Concord Central: White	2970
			"	Concord East Consol.: White	2960
			"	Concord North: White	3035
			"	Covington South: Wayne	3310
			"	Crossville: White	3120
			"	Dahlgren: Hamilton	3300
			"	Dale Consol.: Hamilton	3125
			"	Divide: Jefferson	2750
			"	Divide East: Jefferson	2750
			"	Divide South: Jefferson	2880
			"	Divide West: Jefferson	2750
			"	Dundas East: Richland, Jasper	2950
			"	Eberle: Effingham	2820
			"	Elbridge: Edgar	950
			"	Eldorado: Saline	2945
			"	Elk Prairie (1): Jefferson	2735
			"	Ellery: Edwards, Wayne	3345
			"	Ellery North (2): Edwards	3345
			"	Ellery South: Edwards	3300
			"	Ellery West: Wayne	3365
			"	Enfield: White	3420
			"	Epworth: White	3115
			"	Evers (1): Effingham	2660
			"	Ewing: Franklin	2970
			"	Exchange: Marion	2730
			"	Exchange North: Marion	2715
			"	Fairfield: Wayne	3305
			"	Flora: Clay	2965
			"	Flora South: Clay	2985
			"	Goldengate Consol.: Wayne, White	3310
			"	Gossett (2): White	3065
			"	Half Moon: Wayne	3300
			"	Helena: Lawrence	2390
			"	Herald: White, Gallatin	3010
			"	Hidalgo (1): Jasper	2575
			"	Hill (1): Effingham	2565
			"	Hoodville East (1): Hamilton	3365
			"	Hord: Clay	2810
			"	Hord South: Clay	2790
			"	Hunt City South: Jasper	2435
			"	Ina North: Jefferson	2940
			"	Ingraham (2): Clay	3000
			"	Inman East Consol.: Gallatin	2800
			"	Inman West Consol.: Gallatin	2940
			"	Iola Consol. (2): Clay, Effingham	2425
			"	Iola West (1): Clay	2495
			"	Iron: White	3060
			"	Iuka: Marion	2875
			"	Johnsonville Consol.: Wayne	3170
			"	Johnsonville North: Wayne	3250
			"	Johnsonville South (2): Wayne	3200
			"	Johnsonville West (2): Wayne	3100
			"	Keensburg East (1): Wabash	2710
			"	Keenville: Wayne	3100
			"	Keenville East: Wayne	3125
			"	Kell (1): Jefferson	2625
			"	Kenner: Clay	2930
			"	Kenner North: Clay	2970
			"	Kenner South: Clay	2870
			"	Kenner West: Clay	2870
			"	King: Jefferson	2840
			"	Lancaster: Wabash, Lawrence	2690
			"	Lancaster Central: Wabash	2815
			"	Lancaster South: Wabash	2720
			"	Lawrence: Lawrence, Crawford	1860
			"	Lexington: Wabash	2970
			"	Lillyville: Cumberland, Effingham	2425
			"	Locust Grove: Wayne	3285
			"	Long Branch: Saline, Hamilton	3190
			Oblong "sand"	Main: Crawford	1340
			McClosky "lime"	Maple Grove: Edwards	3275
			"	Maple Grove East (2): Edwards	3230

(1) Abandoned; (2) Abandoned, revived

System or Series	Group or Formation		Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	Ste. Genevieve	Fredonia member	McClosky "lime"	Marcoe (1): Jefferson	2750
			"	Markham City: Jefferson	3070
			"	Markham City North: Jefferson, Wayne	3075
			"	Markham City West: Jefferson	3035
			"	Mason: Effingham	2500
			"	Massilon: Wayne, Edwards	3260
			"	Mattoon (2): Coles	2010
			"	Maunie North: White	3035
			"	Maunie South: White	2920
			"	Maunie West (2): White	3040
			"	Mayberry: Wayne	3350
			"	Mayberry North (1): Wayne	3330
			"	Merriam: Wayne	3370
			"	Miletus: Marion	2350
			"	Mill Shoals: White, Hamilton, Wayne	3375
			"	Mitchell: Edwards, Wayne	3305
			"	Mt. Carmel: Wabash	2360
			"	Mt. Erie North: Wayne	3240
			"	Mt. Vernon: Jefferson	2800
			"	New Harmony Consol.: White, Wabash, Edwards	2800
			"	New Harmony South: White	3010
			"	New Haven Consol.: White	2820
			"	Newton (2): Jasper	2950
			"	Newton North (1): Jasper	2855
			"	Newton West (1): Jasper	2990
			"	Olney Consol.: Richland	3040
			"	Olney South (2): Richland	3085
			"	Omega (1): Marion	2490
			"	Orchardville: Wayne	2900
			"	Oskaloosa East: Clay	2895
			"	Parkersburg Consol.: Richland, Edwards	3135
			"	Parkersburg West: Richland, Edwards	3260
			"	Passport: Clay	3020
			"	Phillipstown Consol.: White, Edwards	3000
			"	Pinkstaff: Lawrence	1735
			"	Raccoon Lake: Marion	1950
			"	Reservoir: Jefferson	2620
			"	Ridgway (1): Gallatin	2840
			"	Rinard (1): Wayne	3145
			"	Roaches: Jefferson	2250
			"	Roaches North: Jefferson	x
			"	Roland: White, Gallatin	3050
			"	Russellville: Lawrence	1560
			"	Ste. Marie: Jasper	2840
			"	Ste. Marie West: Jasper	2815
			"	Sailor Springs Consol.: Clay, Effingham	2925
			"	Sailor Springs North (1): Clay	3030
			"	Salem: Marion	1990
			"	Schnell: Richland	3000
			"	Seminary: Richland	3195
			"	Sesser: Franklin	2860
			"	Shawneetown North: Gallatin	3045
			"	Stanford: Clay	3025
			"	Stanford South: Clay	3090
			"	Stanford West: Clay	3030
			"	Stokes-Brownsville: White	3100
			"	Storms: White	3055
			"	Stringtown: Richland	3025
			"	Stringtown East (1): Richland	3010
			"	Sumner: Lawrence	2260
			"	Thackeray: Hamilton	3500
			"	Thompsonville (1): Franklin	3120
			"	Toliver (1): Clay	2790
			"	Toliver East: Clay	2840
			"	Tonti: Marion	2130
			"	Trumbull: White	3290
			"	Valier: Franklin	2715
			"	Walpole: Hamilton	x
			"	West End: Hamilton, Saline	3275
			"	West Frankfort: Franklin	2825
			"	Whittington: Franklin	2870
			"	Whittington West: Franklin	2900
			"	Willow Hill East: Jasper	2645
			"	Woodlawn: Jefferson	2200
			"	Zenith: Wayne	2970
			"	Zenith South: Wayne	2985

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined

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System or Series	Group or Formation	Producing Strata (Sandstone unless otherwise noted)	Pool: County	Approximate depth in feet
Iowa (Lower Mississippian) series	St. Louis	St. Louis ls.	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	2935
		"	Frogtown North: Clinton	1195
		"	Ina (1): Jefferson	3000
		Martinsville "sand"	Martinsville: Clark	480
		St. Louis ls.	Roland: White, Gallatin	x
		"	Salem: Marion	2100
		"	Whittington: Franklin	3080
	St. Louis-Salem	Westfield ls.	Westfield: Clark, Coles, Edgar	330
	Salem	Salem ls.	Aden Consol.: Hamilton, Wayne	3735
		"	Barnhill: Wayne	3795
		"	Clay City Consol.: Clay, Wayne, Richland, Jasper	3575
		"	Grandview: Edgar	570
		"	Jacksonville gas (1): Morgan	330
		"	Lawrence: Lawrence, Crawford	1955
		"	Main: Crawford	1815
		"	Salem: Marion	2160
	Osage group	Carper	Casey: Clark	1320
		"	Johnson North: Clark	1325
		"	Martinsville: Clark	1340
Devonian system		Devonian ls.	Assumption: Christian	2325
		"	Assumption North: Christian	2300
		"	Bartelso: Clinton	2420
		"	Bartelso East: Clinton	2550
		"	Bartelso South: Clinton	2470
		"	Beaucoup: Washington	3045
		"	Boulder: Clinton	2630
		"	Centralia: Clinton, Marion	2870
		"	Clay City-Noble Consol.: Clay, Wayne, Richland, Jasper	4350
		Hoing	Colmar-Plymouth: Hancock, McDonough	450
		Devonian ls.	Edinburg: Christian	1810
		"	Elbridge: Edgar	1950
		"	Irvington: Washington	3090
		"	Louden: Fayette, Effingham	3000
		"	Main: Crawford	2795
		"	Martinsville: Clark	1550
		"	Patoka: Marion	2835
		"	Salem: Marion	3430
		"	Sandoval: Marion	2920
		"	Sesser: Franklin	4360
		"	Sorento (2): Bond	1850
		"	Tonti: Marion	3500
		"	Weaver: Clark	2020
		"	Woburn Consol.: Bond	2275
		"	Woodlawn: Jefferson	3700
Dev.-Sil.		Devonian-Silurian ls.	Collinsville (1): Madison	1300
		"	Frogtown North: Clinton	2245
		"	Okawville: Washington	2325
		"	Waverly gas: Morgan	1000
Silurian system		Silurian ls.	McKinley: Washington	2240
		"	Marine: Madison	1740
		"	Mt. Auburn: Christian	1890
		"	Roby (1): Sangamon	1775
		"	Pittsfield (Pike Co.) gas (1): Pike	270
Ordovician system		"Trenton" ls.	Centralia: Clinton, Marion	3930
		"	Craig: Perry	3650
		"	Dupo: St. Clair	700
		"	Martinsville: Clark	2700
		"	St. Jacob: Madison	2260
		"	Salem: Marion	4500
		"	Shattuc: Clinton	4020
		"	Waterloo (1): Monroe	410
		"	Westfield: Clark, Coles, Edgar	2300
		"	Woburn Consol.: Bond	3170

(1) Abandoned; (2) Abandoned, revived; (x) Undetermined